

1 1. A process, residing on a server, for scheduling the generation of reports, for retrieval  
2 via a distributed computing network by a desktop application program residing on a remote  
3 desktop computer comprising:

4 a data services process that maintains at least one report batch file, where each said  
5 report batch file is scheduled by a user to be executed at a specific time and contains a list of  
6 reports to be generated when said report batch file is executed.

1 2. The process of claim 1 further comprising:

2 a batch file schedule process that examines said specific time of each said report  
3 batch file and selects those said report batch files that need to be executed.

1 3. The process of claim 2 further comprising:

2 a report parsing process, responsive to said batch file schedule process selecting  
3 report batch files for execution, for analyzing said list of reports of each said selected report  
4 batch file to determine the individual reports required for its respective batch file and for  
5 generating a report master list of all individual reports to be generated for the selected report  
6 batch files.

1 4. The process of claim 3 further comprising:

2 a report generation process, responsive to said report parsing process for generating  
3 said individual reports listed on said report master list from data retrieved from said data  
4 services process, said individual reports being made available to the user.

1 5. The process of claim 4 further comprising:

2 a report posting process which posts individual reports generated by said report  
3 generation process to a server on the distributed computing network so that said reports can  
4 be downloaded by the user via a remote desktop computer.

1 6. The process of claim 4 including a report transmission process, responsive to said  
2 report generation process generating said individual reports, for transmitting to the user via

an electronic mail delivery mechanism said individual reports listed in the respective user's report batch file.

7. The process of claim 4 including a master delay process that delays the generation of all said individual reports listed on said report master list until after a specific time to minimize server loading.

8. The process of claim 4 wherein said report parsing process includes a report generation delay process that delays the generation of a specific individual report listed on said report master list until after the occurrence of a reconciliation event when said specific individual report needs information that will not be available until after the occurrence of said reconciliation event.

9. The process of claim 4 including a data retrieval process that retrieves time sensitive data from said data services process prior to the occurrence of a replication event when a specific individual report needs information that will be unavailable after the occurrence of said replication event, where said time sensitive data is made available to said report generation process when said specific individual report is generated.

10. The process of claim 4 wherein said batch file schedule process includes a batch file filtering process that examines the content of each said report batch file to determine if its list of reports specifies at least one individual report for generation by said report generation process, where said batch file schedule process prevents the execution of those report batch files that do not specify at least one individual report for generation.

11. The process of claim 4 including a report status process, responsive to said report parsing system generating said report master list, that associates a status indicator with each said individual report listed on said report master list which indicates the status of the generation of that specific individual report.

1 12. The process of claim 4 including a user interface process that allows the user to  
2 manage their report batch file by modifying said list of reports and scheduling said specific  
3 time for executing said report batch file.

1 13. A process, residing on a server, for scheduling the generation of reports, for retrieval  
2 via a distributed computing network by a desktop application program residing on a remote  
3 desktop computer comprising:

4 a data services process that maintains at least one report batch file,  
5 where each said report batch file is scheduled by a user to be executed at a specific  
6 time and contains a list of reports to be generated when said report batch file is  
7 executed;

8 a batch file schedule process that examines said specific time of each  
9 said report batch file and selects those said report batch files that need to be executed;

10 a report parsing process, responsive to said batch file schedule process  
11 selecting report batch files for execution, that analyzes said list of reports of each said  
12 selected report batch file to determine the individual reports required for its related  
13 batch file and generates a report master list which includes all said individual reports  
14 to be generated for all said selected report batch files;

15 a report generation process, responsive to said report parsing process  
16 generating said report master list, that generates said individual reports listed on said  
17 report master list from data retrieved from said data services process; and

18 a report transmission process, responsive to said report generation  
19 process generating said individual reports, for transmitting to the user via an  
20 electronic mail delivery mechanism said individual reports listed in said user's report  
21 batch file.

1 14. The process of claim 13 including a report posting process which posts said individual  
2 reports generated by said report generation process to a server on the distributed computing  
3 network so that said reports can be downloaded by the user via a remote desktop computer.

1 15. A computer program product residing on a computer readable medium having a

2 plurality of instructions stored thereon which, when executed by the processor, cause that  
3 processor to:

4 maintain at least one report batch file, where each report batch file is  
5 scheduled by a user to be executed at a specific time and contains a list of reports to  
6 be generated when the report batch file is executed;

7 examine the specific time of each report batch file and select those  
8 report batch files that need to be executed;

9 analyze the list of reports of each selected report batch file to  
10 determine the individual reports required for its respective batch file and generate a  
11 report master list which includes all the individual reports to be generated for all the  
12 selected report batch files; and

13 generate the individual reports listed on the report master list from data  
14 retrieved from the data services process.

1 16. The computer program product of claim 15 further comprising instructions for  
2 causing the processor to transmit to the user via an electronic mail delivery mechanism the  
3 individual reports listed in the user's report batch file.

1 17. The computer program product of claim 15 further comprising instructions for  
2 causing the processor to post the individual reports listed in the user's report batch file to a  
3 server on the distributed computing network so that individual reports can be downloaded by  
4 the user via a remote desktop computer.

1 18. The computer program product of claim 15 further comprising instructions for  
2 causing the processor to delay the generation of all the individual reports listed on the report  
3 master list until after a specific time to minimize server loading.

1 19. The computer program product of claim 15 further comprising instructions for  
2 causing the processor to retrieve time sensitive data prior to the occurrence of a replication  
3 event when a specific individual report needs information that will be unavailable after the  
4 occurrence of the replication event, where the time sensitive data is made available when the  
5 specific individual report is generated.

1     20.     The computer program product of claim 15 further comprising instructions for  
2     causing the processor to examine the content of each report batch file to determine if its list  
3     of reports specifies at least one individual report for generation and prevent the execution of  
4     those report batch files that do not specify at least one individual report for generation.

1     21.     The computer program product of claim 15 further comprising instructions for  
2     causing the processor to allow the user to manage their report batch file by modifying the list  
3     of reports and scheduling the specific time for executing the report batch file.

1     22.     A method for scheduling the generation of reports comprising:  
2                         maintaining at least one report batch file, where each report batch file  
3                         is scheduled by a user to be executed at a specific time and contains a list of reports to  
4                         be generated when the report batch file is executed;  
5                         examining the specific time of each report batch file and selecting  
6                         those report batch files that need to be executed;  
7                         analyzing the list of reports of each selected report batch file to  
8                         determine the individual reports required for its respective batch file and generating a  
9                         report master list which includes all the individual reports to be generated for all the  
10                        selected report batch files; and  
11                        generating the individual reports listed on the report master list from  
12                        data retrieved from the data services process.

1     23.     The method of claim 22 further including transmitting to the user via an electronic  
2     mail delivery mechanism the individual reports listed in the user's report batch file.